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(54) Title: APTAMERS TO HUMAN EPIDERMAL GROWTH FACTOR RECEPTOR-3

T7 Promoter EcoR1 random BamH1
TAATACGACTCACTATAGGGAATTCCGCGTGTGC - 49nt - GTCCGTTCCGGGATCCTC
|-----> <-----|
A6 AGAACAAUCGCAUAGGCCGCAAGGUUAGUUUCGUUGUCCGCCCGGUGCA
A18 ACGAGUAUAGCCCAUUGGCACGACAGGGACGUUCAUGUGCACAGUUG
A19 AGAUCAGGACAGAGCGCACAGGUGCCAUCUGGUCUAACGCCCCUCGAUG
A23 GAGGGGCGAGGACGCCGAGUAUAGCCCCUAGAGGUGGAUGUUUACCGG
A30 CAGCGAAAGUUGCGUAUGGGUCACAUCCGACGGCACAUGUCAUCUGGGCG
A37 UUGAGAGGUCGUGCCAACUCUCAAGGUUGUCUUUGCUCUCCGCUCUGUG

(57) Abstract: The disclosure provided herein provides compositions of nucleic acid aptamers that bind human epidermal growth factor receptor-3 and methods for their use.

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